

**Online transmission of water level discharge and rainfall during flash floods via
satellite**

**Dipl. Ing. Wolfgang Zasche, Managing director, CEO
SEBA Hydrometrie, www.seba.de
Gewerbestr.61a 87600 Kaufbeuren, Germany**

SEBA Hydrometrie as one of the leading manufacturers of hydro meteorological instruments worldwide has developed and installed flood forecasting systems in many countries.

Uni - directional, bi – directional and IP – based transmission systems with satellites are possible for flood forecast. With the new developed **IRIDIUM** satellite transmission and the Internet based **VSAT** transmission a fully duplex communication is now available. The field stations can send alarm values immediately at any time and the stations can be down loaded whenever it is desired. These features makes it ideal for early warnings and gives the flood forecasting center the possibility of immediate reaction in case of catastrophes.

The IRIDIUM and VSAT satellite transmission systems can be used worldwide with a big number of satellites and is therefore a longterm and safe transmission.

Contact Information: Wolfgang Zasche - zasche@seba.de